

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-08 18:38:06
 Date of Next Testing: 2024-11-27 18:38:06
 Product Name: **Trioctylphosphine oxide(TOPO)**
 CAS Number: 78-50-2
 Specifications & Purity: $\geq 98\%$
 Lot #: L2205666
 SKU #: **T106624**
 Version: **0**
 Analysis #: **024365**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	72.5-75.7 (%)	74.62 %
Melting point	50-55 (°C)	54.92000 °C
Purity(GC)	98-100 (%)	98.34 %
Appearance (T106624)	white powder, crystals, flakes and/or chunks	white powder, crystals, flakes and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless, Clear to Slightly Hazy , c = 100mg/ml	pass	Pass



John Su
QA & QC Manager